LDOS

The LDOS 5.3 upgrade kit is now available to take your Model III or 4 (in 3 mode) to the year 2000. LDOS 5.3 provides complete media compatibility with LS-DOS 6.3, the newest Model 4 DOS released by Logical Systems, Inc. With LDOS 5.3, you can add 12 years to the life of your software. Just look at these improvements over version 5.1.4!

DOS Enhancements:

- Date support through December 31, 1999; time stamping for files.
- Enhancements to LDOS now free up 14 additional file slots for data disks.
- On-line HELP facility for DOS and BASIC – 117 screens of help.

LIBRARY Enhancements:

- New FORMS, lets you change printer filter parameters.
- New SETCOM, lets you change RS-232 parameters.
- Improvements to LIST add paged displays, full-screen hex mode, and flexible tab expansion.
- MEMORY displays directory of terminate and stay resident modules.
- SYSTEM lets you direct the SYSGEN to any drive; adds a flexible drive swap subcommand; SMOOTH for faster disk throughput.
- DIRectory display enhanced with time stamps, file EOF, and more.
- We've also improved: AUTO, COPY, CREATE, DEBUG, DEVICE, DO, FREE, KILL, and ROUTE; and added CLS and TOF commands.

UTILITY Enhancements:

- We've added TED, a full screen text editor for ASCII files.
- LCOMM now gives you access to LDOS library commands while in terminal mode.
- PATCH supports D&F patch lines with REMOVE capabilities.
- DATECONV has been added to convert older disks to the new date convention.

BASIC Enhancements:

- Improvement to line editing with the addition of line COPY and MOVE.
- Very flexible INPUT@ added for screen fielded input.
- We've added a CMD"V" to dump a list of active variables with values – including arrays.

For $24.95 (+S&H), the LDOS 5.3 upgrade kit includes a DOS disk and documentation covering the enhancements. Specify Model 3/4 or MAX-80.
P.S. – Don't return you old disk!

MISOSYS, Inc.
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PRO-WAM

Window controller and Applications Manager

PRO-WAM supplied applications can turn your **128K Model 4, 4P TRS-80** into a sophisticated business or personal machine rivaling the best of them. That's because ***PRO-WAM*** comes with many useful and powerful menu-driven time savers and work organizers. ***PRO-WAM*** includes eleven applications, a complete HELP facility, a data file sort program, a 99-page user manual, and is easily installed. While you operate other programs, you can request its services with a single keystroke. ***PRO-WAM*** saves you typing with its EXPORT and IMPORT functions which allow you to move data across windows between programs. Requires 128K TRSDOS 6.2

PRO-WAM APPLICATION MODULES

- **ADDRESS:** Mailing Labels and Rolodex™ Cards
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- **CALCULATOR:** Four Function Floating Point
- **RPN CALC:** Seven Function in Bin, Oct, Dec, Hex
- **CARD:** 480 Character 3x5 Cards for Notes and Data
- **CHARSET:** Display All Video Characters
- **DIALER:** Telephone Number List and Auto Dialer
- **DOSAVE:** Save Entire Screen to Disk
- **TERM:** A Really Small Terminal Program
- **TYPER:** Line-Buffered Typing to Your Printer

PRO-WAM 59.95
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- **FED:** Edit file records in any disk file
- **MED:** Edit any page of memory in any bank
- **TED:** A pop-up full screen text editor
- **VED:** Edit the video screen; gives cut and paste
- **CARDFORM:** Populate CARD with a form
- **DOLOAD:** Brings DOSAVEd files back to the video
- **REGENBU:** Shrinks BRINGUP/DAT file

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Software for your Model 4 from MISOSYS

LS-Utility Disk I

o TYPEIN - file input for keystrokes
o KSMPLUS - dynamic key redefinition
o PRCODES - boldface, underlining
o MAXLATE - character translation
o READ40 - reads 40T in 80T drive
o CALC - hex/dec/bin calculator
o TRAP - discard characters
o READ40 - tests disk drive
LS-UTILITY L-32-150 $14.98 ($2)

Little Brother Data Manager

"... a lot of versatility" H. Brothers
o Menu driven for ease of use
o Extensive on-line help
o 65534 records; 1024 chars/rec
o 64 fields/rec; 254 chars/field
o Select & sort up to 8 fields
o Keeps 5 index files
o Definable input screens; up to 10 per data base
o Definable print formats up to 10 per data base
o Easily used by anyone for managing data
LITTLE BROTHER
L-50-510 $63.71 ($3)

BSORT/MOD324

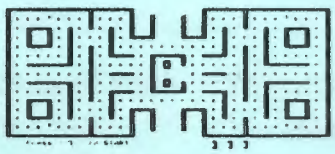
o ARRAY sort invokable from BASIC
o Sorts string, integer, single and double precision arrays
o Multiple key & tagged arrays
o Midstring supported
BSORT L-32-210 $14.97 ($2)

PRO-EnhComp BASIC compiler

o Includes CED: a full-featured line editor
o Both single and double precision math functions
o Strings to 32767 chars; unlimited length variable names
o OPEN "X" for direct access LRLs of 2 to 32767 in length
o Built-in assembler for in-line Z80 code mixed with BASIC
o Supports LOGO-like turtle graphics: DRAW, ROT, and SCALE
o Multi-line functions; fast keyed/tagged sort; REPEAT-UNTIL; break key control; structured IF-ENDIF; labeled statements; much more
PRO-EnhComp M-21-072 $106.21 ($3)

The Gobbling Box

THE GOBBLING BOX
a pursuit game



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